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LOGINID:SSPTAJRK1626

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TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	DEC 05	CASREACT(R) - Over 10 million reactions available
NEWS 4	DEC 14	2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 5	DEC 14	2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 6	DEC 14	CA/CAplus to be enhanced with updated IPC codes
NEWS 7	DEC 21	IPC search and display fields enhanced in CA/CAplus with the IPC reform
NEWS 8	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/ USPAT2
NEWS 9	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 10	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS 11	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS 12	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS 13	JAN 30	Saved answer limit increased
NEWS 14	JAN 31	Monthly current-awareness alert (SDI) frequency added to TULSA

NEWS EXPRESS	JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT http://download.cas.org/express/v8.0-Discover/
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
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NEWS WWW	CAS World Wide Web Site (general information)

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* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:42:11 ON 09 FEB 2006

```
=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'REGISTRY' ENTERED AT 14:42:20 ON 09 FEB 2006
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provided by InfoChem.

STRUCTURE FILE UPDATES:     7 FEB 2006  HIGHEST RN 873775-18-9
DICTIONARY FILE UPDATES:    7 FEB 2006  HIGHEST RN 873775-18-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

*********************************************************************
*                                                                   *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                   *
*********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10800022\Struc 1.str
```
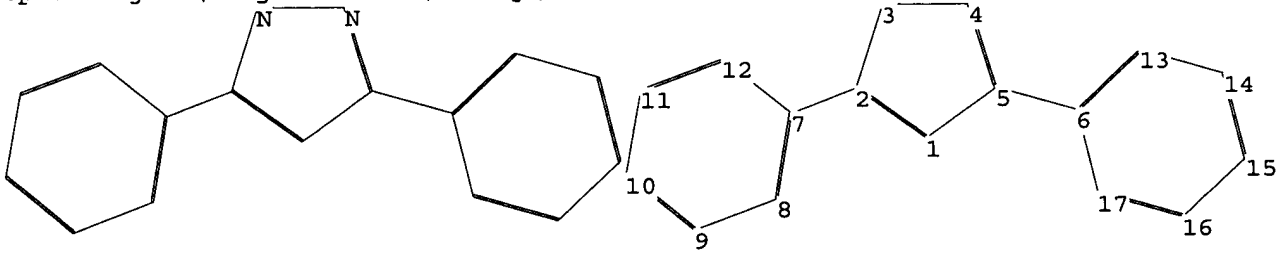



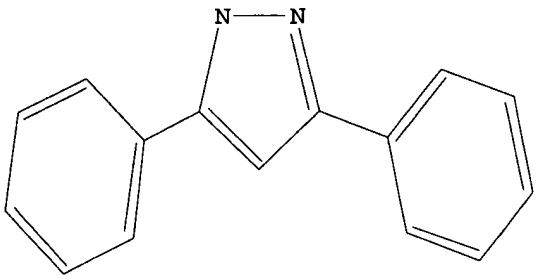

```
ring nodes :
1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17
chain bonds :
2-7  5-6
ring bonds :

10800022.trn
```

1-2 1-5 2-3 3-4 4-5 6-13 6-17 7-8 7-12 8-9 9-10 10-11 11-12 13-14
14-15 15-16 16-17
exact/norm bonds :
1-2 1-5 2-3 3-4 4-5
exact bonds :
2-7 5-6
normalized bonds :
6-13 6-17 7-8 7-12 8-9 9-10 10-11 11-12 13-14 14-15 15-16 16-17

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

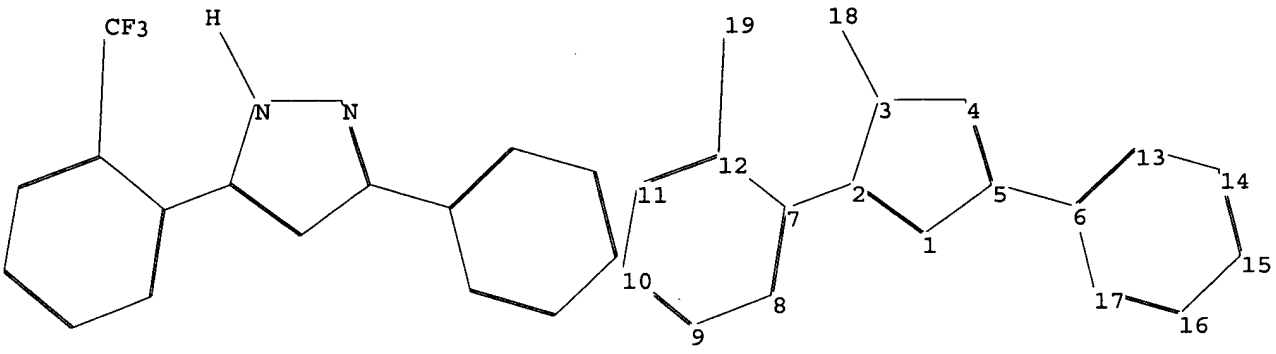
=> l1
SAMPLE SEARCH INITIATED 14:42:43 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 6344 TO ITERATE

31.5% PROCESSED 2000 ITERATIONS 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 122105 TO 131655
PROJECTED ANSWERS: 11296 TO 14332

L2 50 SEA SSS SAM L1

=>
Uploading C:\Program Files\Stnexp\Queries\10800022\Struc 2.str

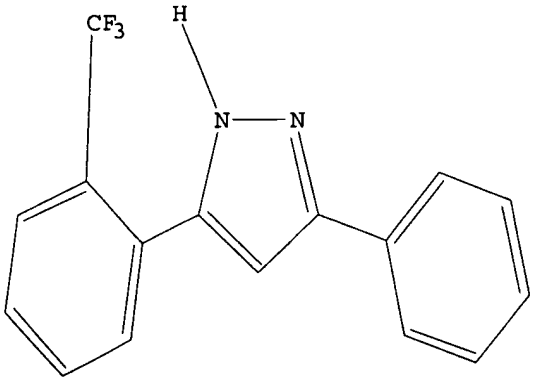


chain nodes :
18 19
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
chain bonds :
2-7 3-18 5-6 12-19
ring bonds :
1-2 1-5 2-3 3-4 4-5 6-13 6-17 7-8 7-12 8-9 9-10 10-11 11-12 13-14
14-15 15-16 16-17
exact/norm bonds :
1-2 1-5 2-3 3-4 4-5
exact bonds :
2-7 3-18 5-6 12-19
normalized bonds :
6-13 6-17 7-8 7-12 8-9 9-10 10-11 11-12 13-14 14-15 15-16 16-17

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS

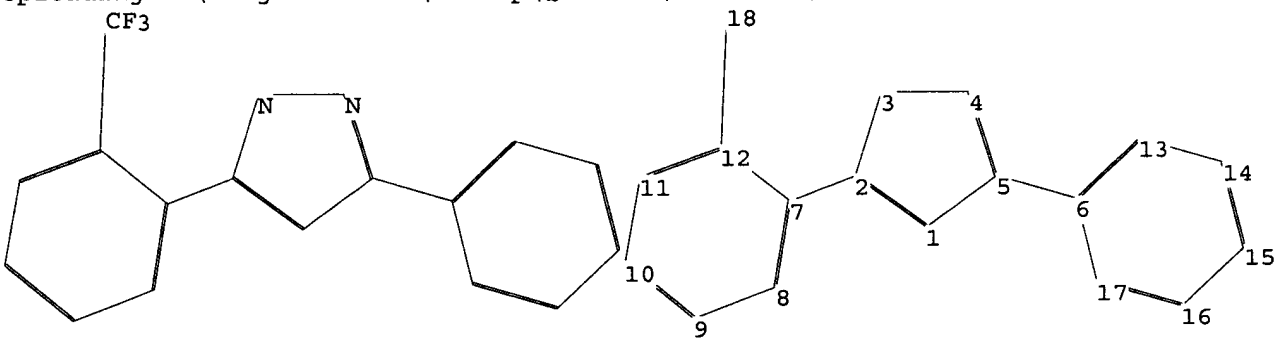
L3 STRUCTURE UPLOADED

=> d
L3 HAS NO ANSWERS
L3 STR



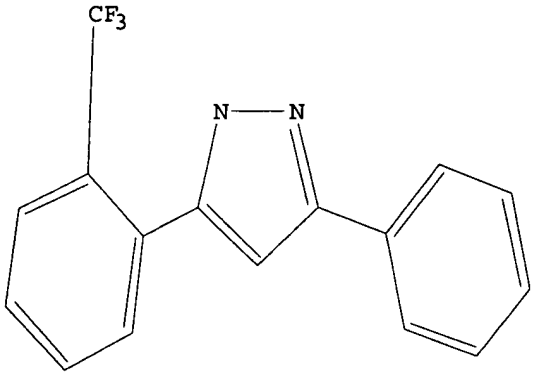
Structure attributes must be viewed using STN Express query preparation.

```
=> l3
SAMPLE SEARCH INITIATED 14:44:15 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      200 TO ITERATE

100.0% PROCESSED      200 ITERATIONS                                  0 ANSWERS
SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          3152 TO     4848
PROJECTED ANSWERS:                0 TO        0

L4             0 SEA SSS SAM L3

=>
Uploading C:\Program Files\Stnexp\Queries\10800022\Struc 3.str
```




```
chain nodes :
18
ring nodes :
1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17
chain bonds :
2-7  5-6  12-18
ring bonds :
1-2  1-5  2-3  3-4  4-5  6-13  6-17  7-8  7-12  8-9  9-10  10-11  11-12  13-14
14-15  15-16  16-17
exact/norm bonds :
1-2  1-5  2-3  3-4  4-5
exact bonds :
2-7  5-6  12-18
normalized bonds :
6-13  6-17  7-8  7-12  8-9  9-10  10-11  11-12  13-14  14-15  15-16  16-17


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:Atom
11:Atom  12:Atom  13:Atom  14:Atom  15:Atom  16:Atom  17:Atom  18:CLASS



L5       STRUCTURE UPLOADED


10800022.trn
```

=> d
L5 HAS NO ANSWERS
L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> l5
SAMPLE SEARCH INITIATED 14:45:03 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 200 TO ITERATE

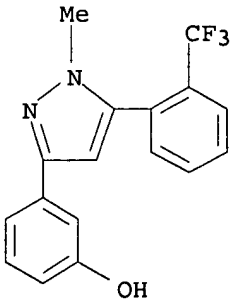
100.0% PROCESSED 200 ITERATIONS 19 ANSWERS
SEARCH TIME: 00.00.03

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 3152 TO 4848
PROJECTED ANSWERS: 119 TO 641

L6 19 SEA SSS SAM L5

=> d scan

L6 19 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Phenol, 3-[1-methyl-5-[2-(trifluoromethyl)phenyl]-1H-pyrazol-3-yl]- (9CI)
MF C17 H13 F3 N2 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> l5 full
FULL SEARCH INITIATED 14:45:31 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 4056 TO ITERATE

100.0% PROCESSED 4056 ITERATIONS 322 ANSWERS
SEARCH TIME: 00.00.04

L7 322 SEA SSS FUL L5

=> file medline caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	169.14	169.35

FILE 'MEDLINE' ENTERED AT 14:45:43 ON 09 FEB 2006

FILE 'CAPLUS' ENTERED AT 14:45:43 ON 09 FEB 2006
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=> l7
L8 1 L7

=> d ibib abs

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:780671 CAPLUS
DOCUMENT NUMBER: 141:296010
TITLE: Preparation of substituted pyrazoles as modulators of ATP-binding cassette transporters
INVENTOR(S): Vangoor, Frederick F.; Hadida Ruah, Sarah S.; Singh, Ashvani K.; Olson, Eric R.; Makings, Lewis R.; Gonzalez, Jesus E., III; Rader, James A.; Chambers, Fred, III; Miller, Mark T.; Grootenhuis, Peter; Liu, Yahua
PATENT ASSIGNEE(S): Vertex Pharmaceuticals Incorporated, USA
SOURCE: PCT Int. Appl., 174 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004080972	A1	20040923	WO 2004-US7492	20040312

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,

ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

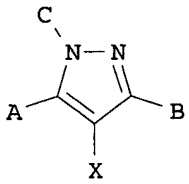
US 2005113423	A1	20050526	US 2004-800022	20040312
EP 1601657	A1	20051207	EP 2004-720345	20040312

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK

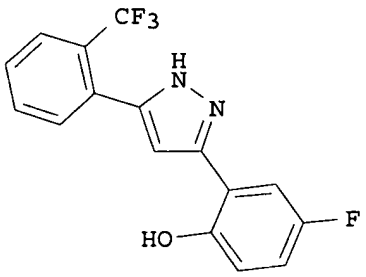
PRIORITY APPLN. INFO.: US 2003-453978P P 20030312
WO 2004-US7492 W 20040312

OTHER SOURCE(S): MARPAT 141:296010

GI



I



II

AB Pyrazoles I [A, B = (un)substituted aryl, heterocyclyl, cycloalkyl; C = H, (un)substituted aryl, heterocyclyl, heteroaryl, cycloalkyl, alkyl, alkylcarbonyl, arylcarbonyl, heteroarylcarbonyl, heterocyclylcarbonyl, or aminocarbonyl; X = H, (un)substituted alkyl, aryl, heterocyclyl, heteroaryl, or ω-substituted n-alkyl] such as II are prepared as inhibitors of ATP-binding cassette (ABC) transporters such as the cystic fibrosis transmembrane conductance regulator (CFTR) for use in the treatment of conditions such as cystic fibrosis, immunodeficiency, inflammatory disease, chronic obstructive pulmonary disease, chronic pancreatitis, or pneumonia. 4-Trifluoromethylbenzoyl chloride and 2-hydroxy-5-fluoroacetophenone are stirred in pyridine for 12 h, after which potassium hydroxide is added and the mixture stirred for 12 h; addition of hydrazine hydrate to a solution of the product obtained in the first step in ethanol and heating at reflux for 3 h yields II in 30% overall yield as a yellow crystalline solid. II modulates ΔF508-CFTR at ≥75% of the effect of genistein on the same receptor. Data on the relative modulation of ΔF508-CFTR by some compds. of the invention as compared to genistein is provided.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	10.03	179.38

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

FILE 'REGISTRY' ENTERED AT 14:46:09 ON 09 FEB 2006

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 FEB 2006 HIGHEST RN 873775-18-9
DICTIONARY FILE UPDATES: 7 FEB 2006 HIGHEST RN 873775-18-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

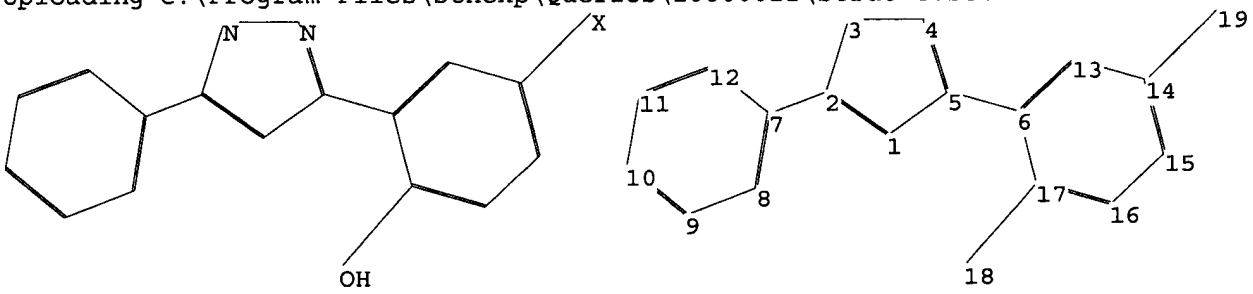
****
* *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
* *
****

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10800022\Struc 4.str



chain nodes :
18 19
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
chain bonds :
2-7 5-6 14-19 17-18
ring bonds :
1-2 1-5 2-3 3-4 4-5 6-13 6-17 7-8 7-12 8-9 9-10 10-11 11-12 13-14
14-15 15-16 16-17

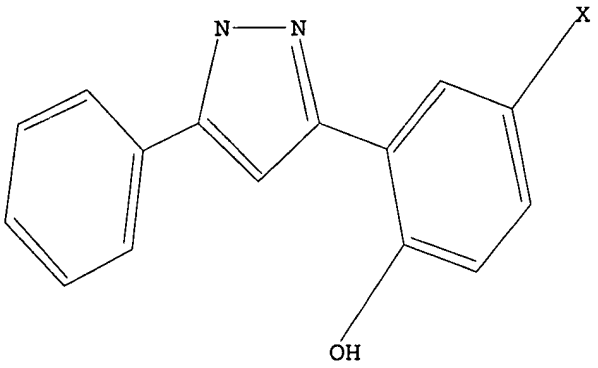
10800022.trn

exact/norm bonds :
1-2 1-5 2-3 3-4 4-5 17-18
exact bonds :
2-7 5-6 14-19
normalized bonds :
6-13 6-17 7-8 7-12 8-9 9-10 10-11 11-12 13-14 14-15 15-16 16-17

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS

L9 STRUCTURE UPLOADED

=> d
L9 HAS NO ANSWERS
L9 STR



Structure attributes must be viewed using STN Express query preparation.

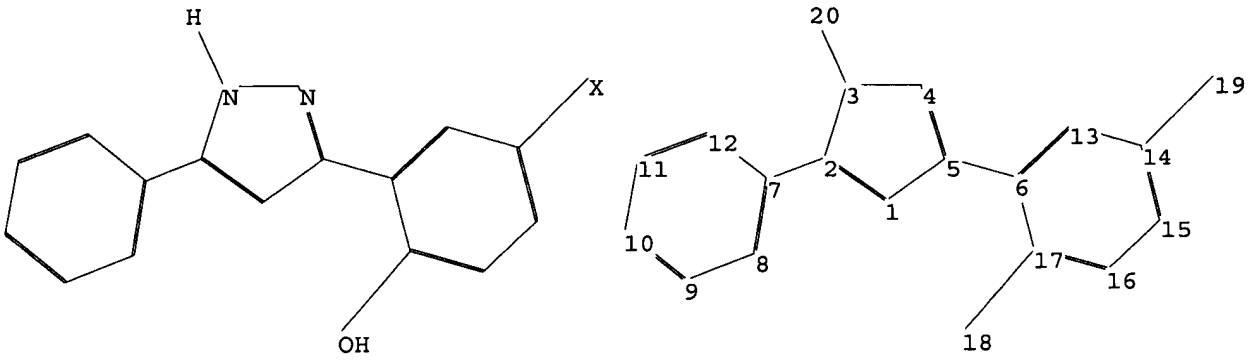
=> l9
SAMPLE SEARCH INITIATED 14:49:26 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1140 TO ITERATE

100.0% PROCESSED 1140 ITERATIONS 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 20775 TO 24825
PROJECTED ANSWERS: 1214 TO 2346

L10 50 SEA SSS SAM L9

=>
Uploading C:\Program Files\Stnexp\Queries\10800022\Struc 5.str

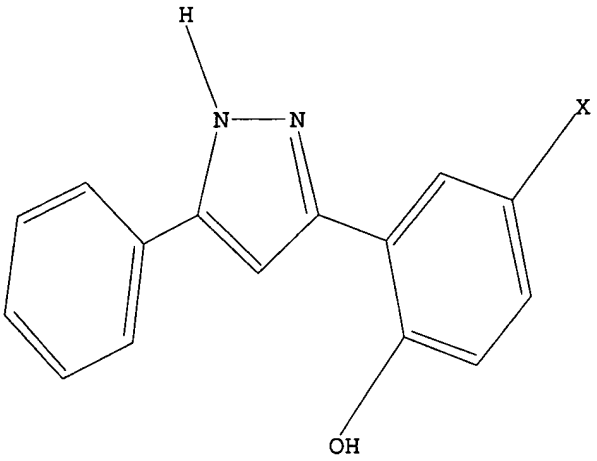


chain nodes :
18 19 20
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
chain bonds :
2-7 3-20 5-6 14-19 17-18
ring bonds :
1-2 1-5 2-3 3-4 4-5 6-13 6-17 7-8 7-12 8-9 9-10 10-11 11-12 13-14
14-15 15-16 16-17
exact/norm bonds :
1-2 1-5 2-3 3-4 4-5 17-18
exact bonds :
2-7 3-20 5-6 14-19
normalized bonds :
6-13 6-17 7-8 7-12 8-9 9-10 10-11 11-12 13-14 14-15 15-16 16-17

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
20:CLASS

L11 STRUCTURE UPLOADED

=> d
L11 HAS NO ANSWERS
L11 STR



Structure attributes must be viewed using STN Express query preparation.

```
=> l11
SAMPLE SEARCH INITIATED 14:50:25 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     1140 TO ITERATE

100.0% PROCESSED     1140 ITERATIONS                                3 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        20775 TO    24825
PROJECTED ANSWERS:               3 TO      163

L12           3 SEA SSS SAM L11

=> l11 full
FULL SEARCH INITIATED 14:50:30 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    22881 TO ITERATE

100.0% PROCESSED    22881 ITERATIONS                               43 ANSWERS
SEARCH TIME: 00.00.01

L13           43 SEA SSS FUL L11

=> file caplus
COST IN U.S. DOLLARS                                 SINCE FILE      TOTAL
                                                        ENTRY    SESSION
FULL ESTIMATED COST                                     169.58     348.96

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)           SINCE FILE      TOTAL
                                                        ENTRY    SESSION
CA SUBSCRIBER PRICE                                       0.00      -0.75

FILE 'CAPLUS' ENTERED AT 14:50:35 ON 09 FEB 2006
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```

FILE COVERS 1907 - 9 Feb 2006 VOL 144 ISS 7
FILE LAST UPDATED: 8 Feb 2006 (20060208/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

http://www.cas.org/infopolicy.html

=> file medline caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.46	349.42

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.75

FILE 'MEDLINE' ENTERED AT 14:50:40 ON 09 FEB 2006

FILE 'CAPLUS' ENTERED AT 14:50:40 ON 09 FEB 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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=> l13
L14 11 L13

=> dup rem l14
PROCESSING COMPLETED FOR L14
L15 11 DUP REM L14 (0 DUPLICATES REMOVED)

=> d ibib abs hitstr 1-11

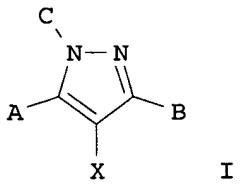
L15 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:780671 CAPLUS
DOCUMENT NUMBER: 141:296010
TITLE: Preparation of substituted pyrazoles as modulators of ATP-binding cassette transporters
INVENTOR(S): Vangoor, Frederick F.; Hadida Ruah, Sarah S.; Singh, Ashvani K.; Olson, Eric R.; Makings, Lewis R.; Gonzalez, Jesus E., III; Rader, James A.; Chambers, Fred, III; Miller, Mark T.; Grootenhuis, Peter; Liu, Yahua
PATENT ASSIGNEE(S): Vertex Pharmaceuticals Incorporated, USA
SOURCE: PCT Int. Appl., 174 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004080972	A1	20040923	WO 2004-US7492	20040312
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005113423	A1	20050526	US 2004-800022	20040312
EP 1601657	A1	20051207	EP 2004-720345	20040312
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
PRIORITY APPLN. INFO.:			US 2003-453978P	P 20030312
			WO 2004-US7492	W 20040312

OTHER SOURCE(S): MARPAT 141:296010

GI



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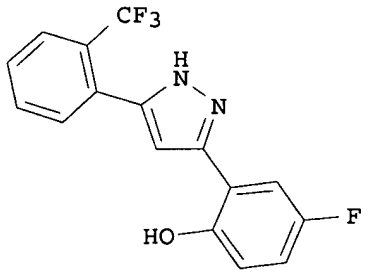


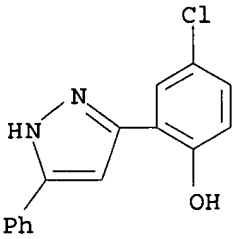
II

AB Pyrazoles I [A, B = (un)substituted aryl, heterocyclyl, cycloalkyl; C = H, (un)substituted aryl, heterocyclyl, heteroaryl, cycloalkyl, alkyl, alkylcarbonyl, arylcarbonyl, heteroarylcarbonyl, heterocyclylcarbonyl, or aminocarbonyl; X = H, (un)substituted alkyl, aryl, heterocyclyl, heteroaryl, or ω-substituted n-alkyl] such as II are prepared as inhibitors of ATP-binding cassette (ABC) transporters such as the cystic fibrosis transmembrane conductance regulator (CFTR) for use in the treatment of conditions such as cystic fibrosis, immunodeficiency, inflammatory disease, chronic obstructive pulmonary disease, chronic pancreatitis, or pneumonia. 4-Trifluoromethylbenzoyl chloride and 2-hydroxy-5-fluoroacetophenone are stirred in pyridine for 12 h, after which potassium hydroxide is added and the mixture stirred for 12 h; addition of hydrazine hydrate to a solution of the product obtained in the first step in ethanol and heating at reflux for 3 h yields II in 30% overall yield as a yellow crystalline solid. II modulates ΔF508-CFTR at ≥75% of the effect of genistein on the same receptor. Data on the relative modulation of ΔF508-CFTR by some compds. of the invention as compared to genistein is provided.

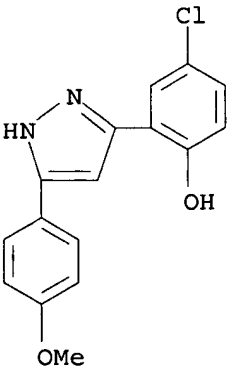
IT **148077-89-8P 148077-90-1P 296888-40-9P**

312518-98-2P 321534-47-8P 423752-83-4P
763132-68-9P 763132-76-9P 763132-77-0P
763133-02-4P 763133-77-3P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of substituted pyrazoles as modulators of ATP-binding cassette transporters such as the cystic fibrosis transmembrane conductance regulator for treatment of diseases such as cystic fibrosis, immunodeficiency, and pneumonia)

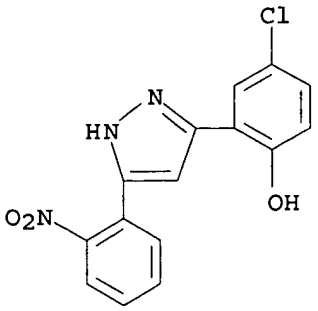
RN 148077-89-8 CAPLUS
CN Phenol, 4-chloro-2-(5-phenyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



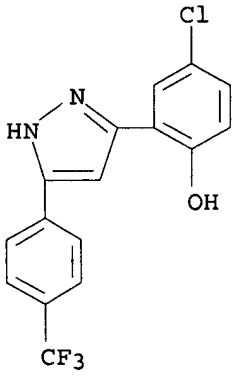
RN 148077-90-1 CAPLUS
CN Phenol, 4-chloro-2-[5-(4-methoxyphenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



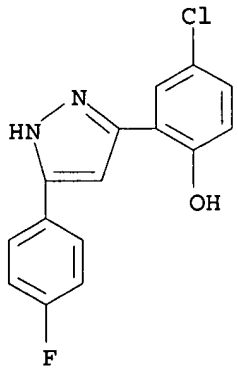
RN 296888-40-9 CAPLUS
CN Phenol, 4-chloro-2-[5-(2-nitrophenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



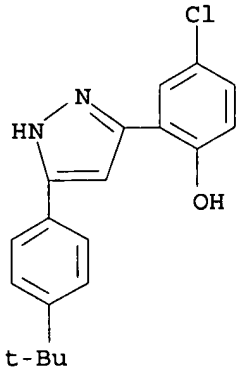
RN 312518-98-2 CAPLUS
CN Phenol, 4-chloro-2-[5-[4-(trifluoromethyl)phenyl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



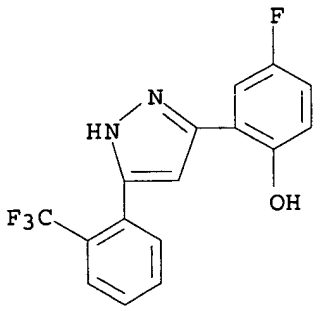
RN 321534-47-8 CAPLUS
CN Phenol, 4-chloro-2-[5-(4-fluorophenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



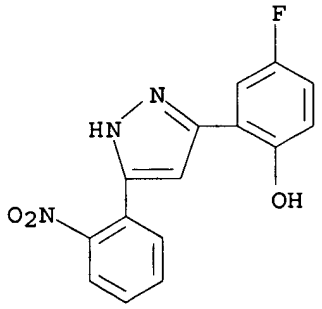
RN 423752-83-4 CAPLUS
CN Phenol, 4-chloro-2-[5-[4-(1,1-dimethylethyl)phenyl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



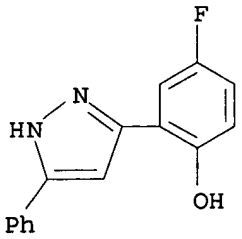
RN 763132-68-9 CAPLUS
CN Phenol, 4-fluoro-2-[5-[2-(trifluoromethyl)phenyl]-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



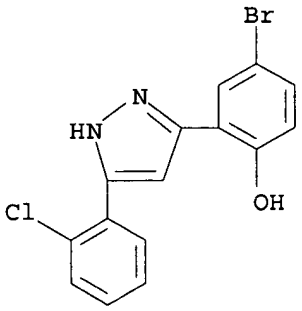
RN 763132-76-9 CAPLUS
CN Phenol, 4-fluoro-2-[5-(2-nitrophenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



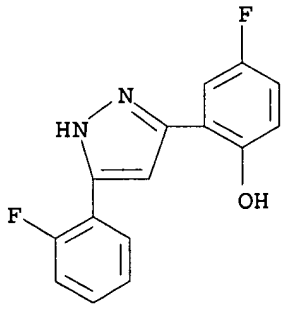
RN 763132-77-0 CAPLUS
CN Phenol, 4-fluoro-2-(5-phenyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



RN 763133-02-4 CAPLUS
CN Phenol, 4-bromo-2-[5-(2-chlorophenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



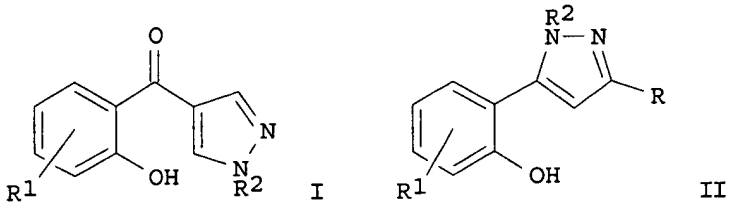
RN 763133-77-3 CAPLUS
CN Phenol, 4-fluoro-2-[5-(2-fluorophenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)

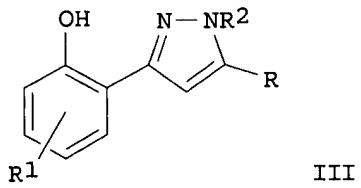


REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:347011 CAPLUS
DOCUMENT NUMBER: 141:332110
TITLE: Design and synthesis of two pyrazole libraries based on o-hydroxyacetophenones
AUTHOR(S): Borrell, Jose I.; Schuler, Elisabeth; Teixido, Jordi; Michelotti, Enrique L.
CORPORATE SOURCE: Institut Quimic de Sarria, Grup d'Enginyeria Molecular, Universitat Ramon Llull, Barcelona,

E-08017, Spain
SOURCE: Molecular Diversity (2004), 8(2), 147-157
CODEN: MODIF4; ISSN: 1381-1991
PUBLISHER: Kluwer Academic Publishers
DOCUMENT TYPE: Journal
LANGUAGE: English
GI





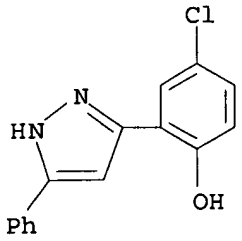
AB Two new solid-phase syntheses of substituted pyrazoles are described. The first includes supporting an o-hydroxyacetophenone on Merrifield resin, Vilsmeier-Haack formylation on the Me group and cyclization with a substituted hydrazine to afford a pyrazole ring with two diversity centers, e.g. I [R1 = H, 4-F, 3,4-(MeO)2, etc., R2 = Ph, n-Pr, 2-benzothiazolyl, etc.]. The second starts from o-hydroxyacetophenone supported on Wang resin, which undergoes a Claisen condensation with a carboxylic acid ester to yield a 1,3-dicarbonyl compound that cyclizes to a pyrazole using a hydrazine, II and III (R = H, Me, Ph). Both methods have been used to synthesize two small pyrazole libraries.

IT **771483-26-2P 771483-38-6P 771483-49-9P**
771483-53-5P
RL: CPN (Combinatorial preparation); CMBI (Combinatorial study); PREP (Preparation)
(design and solid-phase syntheses of pyrazole libraries using o-hydroxyacetophenones, their fungicidal, insecticidal, and herbicidal activities)

RN 771483-26-2 CAPLUS
CN Phenol, 4-chloro-2-(5-phenyl-1H-pyrazol-3-yl)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

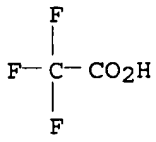
CM 1

CRN 148077-89-8
CMF C15 H11 Cl N2 O



CM 2

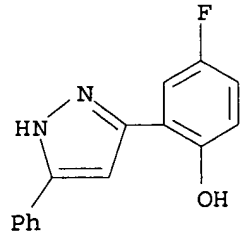
CRN 76-05-1
CMF C2 H F3 O2



RN 771483-38-6 CAPLUS
CN Phenol, 4-fluoro-2-(5-phenyl-1H-pyrazol-3-yl)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

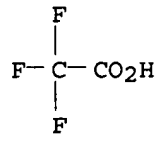
CM 1

CRN 763132-77-0
CMF C15 H11 F N2 O



CM 2

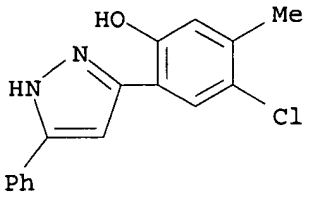
CRN 76-05-1
CMF C2 H F3 O2



RN 771483-49-9 CAPLUS
CN Phenol, 4-chloro-5-methyl-2-(5-phenyl-1H-pyrazol-3-yl)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

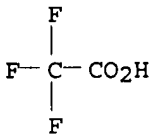
CM 1

CRN 487002-64-2
CMF C16 H13 Cl N2 O



CM 2

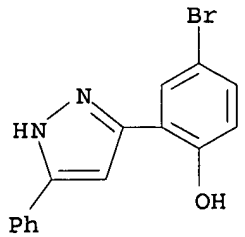
CRN 76-05-1
CMF C2 H F3 O2



RN 771483-53-5 CAPLUS
CN Phenol, 4-bromo-2-(5-phenyl-1H-pyrazol-3-yl)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

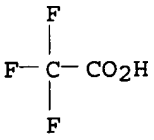
CM 1

CRN 121911-72-6
CMF C15 H11 Br N2 O



CM 2

CRN 76-05-1
CMF C2 H F3 O2



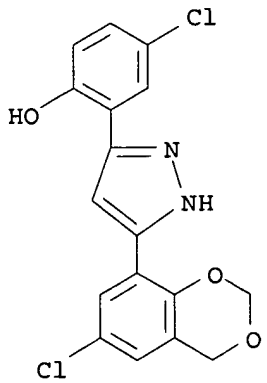
REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2001:175150 CAPLUS
DOCUMENT NUMBER: 134:326294
TITLE: Synthetic analogs of naturally occurring flavolignans. XI. Reaction of synthetic flavone analogs with hydrazine hydrate and its derivatives
AUTHOR(S): Khilya, V. P.; Aitmambetov, A.; Kubzheterova, A.
CORPORATE SOURCE: Taras Shevchenko Kiev University, Ukraine
SOURCE: Chemistry of Natural Compounds (Translation of Khimiya Prirodnykh Soedinenii) (2000), 36(1), 51-53
CODEN: CHNCA8; ISSN: 0009-3130
PUBLISHER: Consultants Bureau
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 134:326294

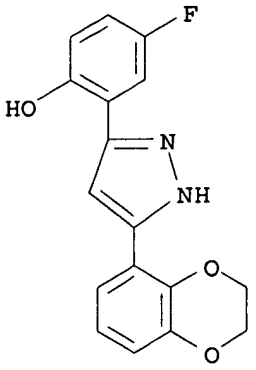
AB Reactions of 1,3-benzodioxane and 1,4-benzodioxane analogs of flavones with hydrazine derivs. are studied. The hydrazines recyclize the new flavones into 3,5-diarylpyrazoles. Their PMR spectra confirm their structures.

IT **336612-27-2P 336612-33-0P 336612-34-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of diarylpyrazoles via reaction of synthetic flavone analogs with hydrazine hydrate)

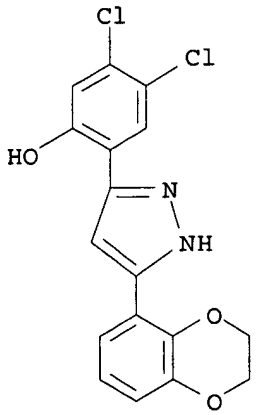
RN 336612-27-2 CAPLUS
CN Phenol, 4-chloro-2-[5-(6-chloro-4H-1,3-benzodioxin-8-yl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



RN 336612-33-0 CAPLUS
CN Phenol, 2-[5-(2,3-dihydro-1,4-benzodioxin-5-yl)-1H-pyrazol-3-yl]-4-fluoro- (9CI) (CA INDEX NAME)



RN 336612-34-1 CAPLUS
CN Phenol, 4,5-dichloro-2-[5-(2,3-dihydro-1,4-benzodioxin-5-yl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

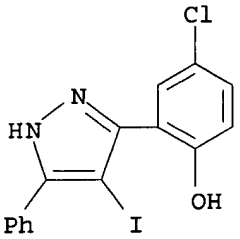
L15 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1999:290178 CAPLUS
DOCUMENT NUMBER: 131:31901
TITLE: Synthesis of some new 4-iodoisoxazoles and -pyrazoles and their antimicrobial activity
AUTHOR(S): Heda, P. B.; Ghiya, B. J.
CORPORATE SOURCE: Chemistry Department, Institute of Science, Nagpur, 440 001, India
SOURCE: Asian Journal of Chemistry (1999), 11(2), 384-387
CODEN: AJCHEW; ISSN: 0970-7077
PUBLISHER: Asian Journal of Chemistry
DOCUMENT TYPE: Journal
LANGUAGE: English
AB 1,3-Diaryl-1,3-propanediones were iodinated by iodine monochloride in dioxane to give 1,3-diaryl-2-iodo-1,3-propanediones, which were condensed with hydroxylamine hydrochloride, hydrazine hydrate, and phenylhydrazine in ethanol to give 4-iodo-3,5-diarylisoxazoles, 4-iodo-3,5-diarylpyrazoles, and 4-iodo-1,3,5-triarylpyrazoles, resp. The structures of the products were confirmed by elemental anal., chemical properties, and

IR, NMR, and mass spectral data. The antibacterial activity of some of the products was also studied.

IT **226877-80-1P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 226877-80-1 CAPLUS

CN Phenol, 4-chloro-2-(4-iodo-5-phenyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2000:92422 CAPLUS

DOCUMENT NUMBER: 132:265141

TITLE: Synthesis and reactions of 1,5-disubstituted-1,3-propanediones

AUTHOR(S): Damle, Subhash V.; Muley, Prakash R.

CORPORATE SOURCE: Department of Chemistry, The Institute of Science, Mumbai, 400 032, Russia

SOURCE: Indian Journal of Heterocyclic Chemistry (1999), 9(2), 81-86
CODEN: IJCHEI; ISSN: 0971-1627

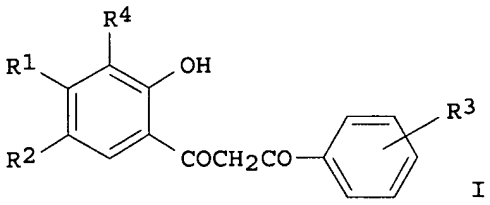
PUBLISHER: Prof. R. S. Varma

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 132:265141

GI



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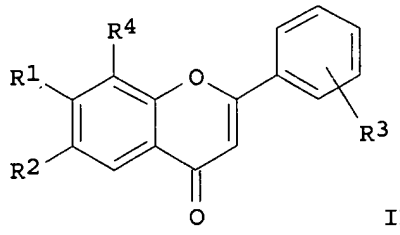
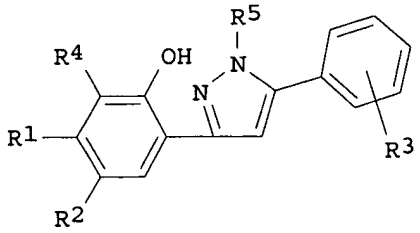


II



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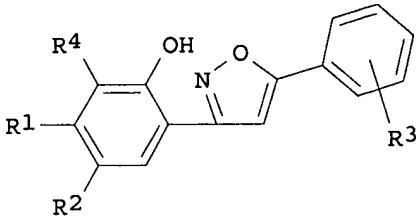

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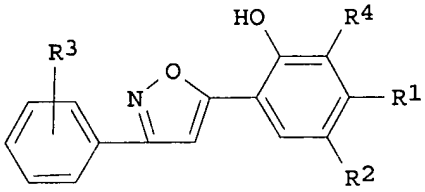


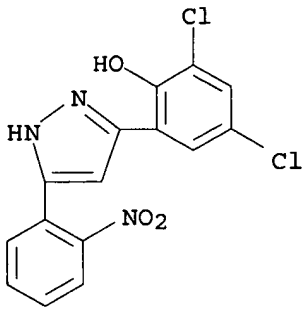
V

AB The title compds. I (R1 = H, Me; R2 = Cl, Me; R3 = 2-, 3-, 4-NO2; R4 = H, Cl, Me) have been synthesized by the base catalyzed Baker-Venkataraman transformation of esters of substituted 2-hydroxyacetophenones. Propanediones I on acid catalyzed cyclization afforded 2-(nitro-substituted phenyl)-4H-1-benzopyran-4-ones II (R1 = H, Me; R2 = Cl, Me; R3 = 2-, 3-, 4-NO2; R4 = H, Cl, Me). Condensation of I with hydrazine hydrate or phenylhydrazine afforded 3-(2-hydroxyphenyl)-5-(nitro-substituted phenyl)pyrazoles III (R1 = H; R2 = Cl, Me; R3 = 2-, 3-, 4-NO2; R4 = H, Cl, Me; R5 = H, Ph). Condensation of these propanediones with NH2OH.HCl in pyridine gave 3-(2-hydroxyphenyl)-5-(nitro-substituted phenyl)isoxazoles IV (R1 = H; R2 = Cl, Me; R3 = 2-, 3-, 4-NO2; R4 = H, Cl, Me), while in alc. the isomeric 3-(nitro-substituted phenyl)-5-(2-hydroxyphenyl)isoxazoles V were obtained.

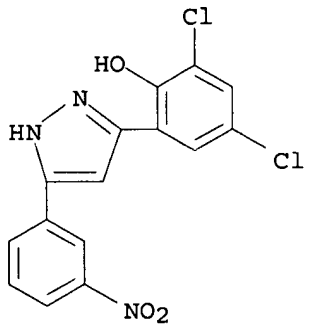
IT **263364-40-5P 263364-41-6P 263364-42-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of 1,5-disubstituted-1,3-propanediones from 2-hydroxyacetophenones and reactions to form benzopyranones, pyrazoles, and isoxazoles)

RN 263364-40-5 CAPLUS

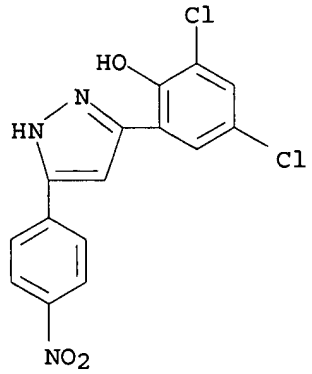
CN Phenol, 2,4-dichloro-6-[5-(2-nitrophenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



RN 263364-41-6 CAPLUS
CN Phenol, 2,4-dichloro-6-[5-(3-nitrophenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



RN 263364-42-7 CAPLUS
CN Phenol, 2,4-dichloro-6-[5-(4-nitrophenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

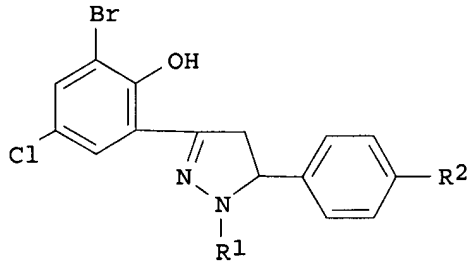
L15 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1998:754850 CAPLUS
DOCUMENT NUMBER: 130:81452
TITLE: Dehydrogenation of pyrazoline and its derivative using

DMSO-I2-H2SO4 and DMSO-I2-system

AUTHOR(S): Raut, A. W.; Doshi, A. G.
CORPORATE SOURCE: Department of Chemistry, Shri Shivaji College, Amravati, 444 602, India

SOURCE: Oriental Journal of Chemistry (1998), 14(2), 349-350
CODEN: OJCHEG; ISSN: 0970-020X
PUBLISHER: Oriental Scientific Publishing Co.
DOCUMENT TYPE: Journal
LANGUAGE: English

GI



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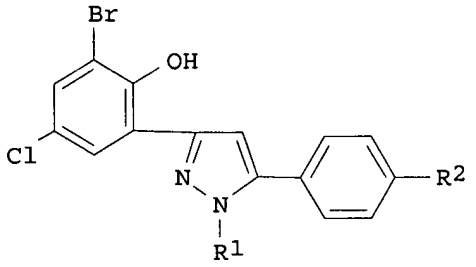
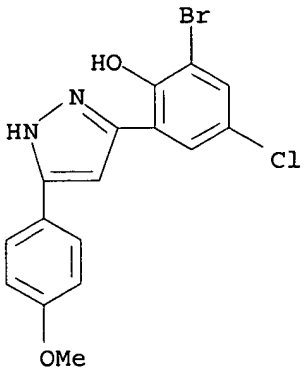


II

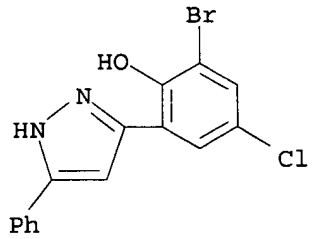
AB Pyrazolines I (R1 = H, Ac, Bz; R2 = H, MeO) were suspended in DMSO and a crystal of iodine added to it. The mixture was refluxed for 1 h, cooled, diluted with water, the solid obtained was filtered, washed with 20% aqueous sodium thiosulfate and crystallized from ethanol to give 75-82% pyrazoles II. The same reaction was carried out in DMSO-I2-H2SO4 system to give 72-78% pyrazoles II.

IT **218620-54-3P 218620-57-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(dehydrogenation of pyrazolines using DMSO-I2-H2SO4 and DMSO-I2-system)

RN 218620-54-3 CAPLUS
CN Phenol, 2-bromo-4-chloro-6-[5-(4-methoxyphenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



RN 218620-57-6 CAPLUS
CN Phenol, 2-bromo-4-chloro-6-(5-phenyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:116095 CAPLUS
DOCUMENT NUMBER: 126:171535
TITLE: Structure-activity relationship studies of novel pyrazolo(1,5-c)[1,3]benzoxazines. Synthesis and benzodiazepine receptor affinity
AUTHOR(S): Varano, Flavia; Catarzi, Daniela; Colotta, Vittoria; Cecchi, Lucia; Filacchioni, Guido; Galli, Alessandro; Costagli, Chiara
CORPORATE SOURCE: Dipartimento Scienze Farmaceutiche, Universita Firenze, Florence, I-50121, Italy
SOURCE: Archiv der Pharmazie (Weinheim, Germany) (1996), 329(12), 529-534
CODEN: ARPMAS; ISSN: 0365-6233
PUBLISHER: VCH
DOCUMENT TYPE: Journal
LANGUAGE: English
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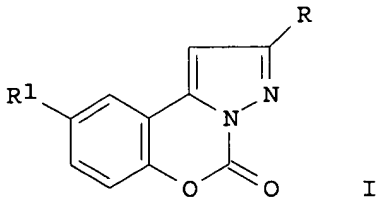


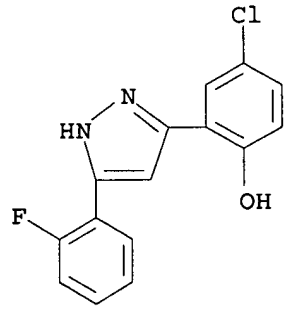
I

AB Some pyrazolobenzoxazinones I (R = 2-FC6H4, 4-ClC6H4, 2-thienyl, CO2Et, CO2CHMe2, CO2Me; R1 = H, Cl) were prepared and were evaluated for their binding at benzodiazepine receptor (BZR) in rat cortical membranes. Structure-activity relationship studies suggest that, although proton donor d and proton acceptor a1 are both optional pharmacophoric descriptors, at least one of them must be present for good BZR affinity. When the proton donor d is not present, the heteroatom acceptor a1 is necessary either in the tricyclic core or in the appended substituent at the C(2) to obtain sub-micromolar BZR affinity.

IT **187173-72-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation, benzodiazepine receptor affinity, and structure-activity relationship of pyrazolobenzoxazines)

RN 187173-72-4 CAPLUS

CN Phenol, 4-chloro-2-[5-(2-fluorophenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



L15 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1993:408806 CAPLUS

DOCUMENT NUMBER: 119:8806

TITLE: Preparation and biological activity of 3(5)-(hydroxyaryl)pyrazoles

INVENTOR(S): Kaestner, Gerd; Runge, Hans Joachim; Luecke, Lothar; Loose, Sylva; Schewe, Christiane; Schewe, Tankred

PATENT ASSIGNEE(S): Chemische und Pharmazeutische Fabriken Fahlberg-List G.m.b.H., Germany

SOURCE: Ger. Offen., 9 pp.
CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4126543	A1	19930211	DE 1991-4126543	19910810
PRIORITY APPLN. INFO.:			DE 1991-4126543	19910810
OTHER SOURCE(S):	MARPAT 119:8806			

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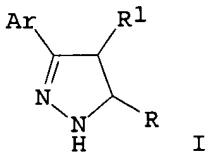


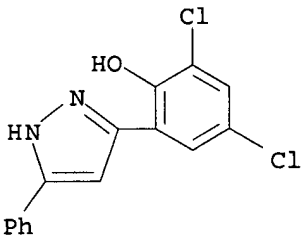
I

AB The preparation of title compds. I (Ar = substituted 2-hydroxyphenyl; R = substituted alkyl, Ph, naphthyl; R1 = H, alkyl, cycloalkyl) as lipoxygenase and cyclooxygenase inhibitors and as well as antiasthmatic bronchodialators, inflammation inhibitors, allergy inhibitors, and skin disease treatment is claimed.

IT **121911-74-8P 148077-89-8P 148077-90-1P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and biol. activity of)

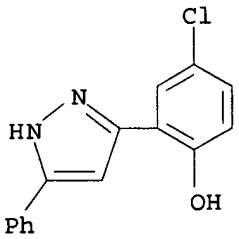
RN 121911-74-8 CAPLUS

CN Phenol, 2,4-dichloro-6-(5-phenyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



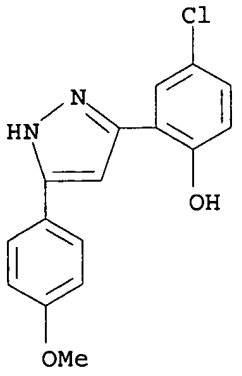
RN 148077-89-8 CAPLUS

CN Phenol, 4-chloro-2-(5-phenyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



RN 148077-90-1 CAPLUS

CN Phenol, 4-chloro-2-[5-(4-methoxyphenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



L15 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1991:61994 CAPLUS
DOCUMENT NUMBER: 114:61994
TITLE: Synthesis of new hydroxyarylpyrazolines and chlorohydroxyarylpyrazoles of potential biological activity
AUTHOR(S): Osman, S. A. M.; Hammad, M.; Swellem, R. H.; El-Bayouki, K. A. M.
CORPORATE SOURCE: Natl. Res. Cent., Cairo, Egypt
SOURCE: Egyptian Journal of Chemistry (1989), Volume Date 1987, 30(6), 481-90
CODEN: EGJCA3; ISSN: 0367-0422
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 114:61994
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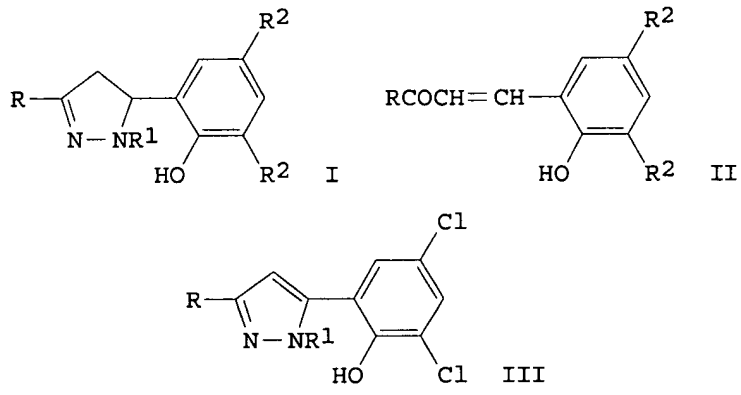
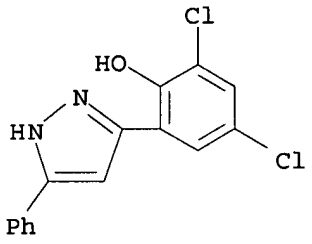


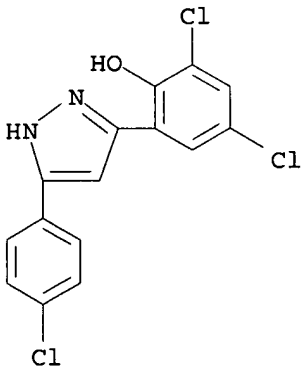
AB Title pyrazolines I (R = Ph, 4-ClC6H4, 2-thienyl; R1=H, R2 = H, Cl) were prepared by the reaction of chalcones II with N2H4. Various derivs. of I (R1 = Ac, CONHPh) were also prepared by reacting I (R1 = H) with Ac2O and PhNCO resp. On refluxing in MeOH I (R = Ph, 4-ClC6H4; R1 = H, R2 = Cl) were oxidized to title pyrazoles III. Antimicrobial activity of I (R = Ph, 2-thienyl; R1 = H, Ac, CONHPh,CHO; R2 = H, Cl) and III (R = Ph, R1 = H, R2 = Cl) against various micro-organisms was tested. Most showed

general activity in concns. of 25-100 μg/mL.

IT **121911-74-8P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and bactericidal and fungicidal activity of)
RN 121911-74-8 CAPLUS
CN Phenol, 2,4-dichloro-6-(5-phenyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



IT **131557-38-5P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 131557-38-5 CAPLUS
CN Phenol, 2,4-dichloro-6-[5-(4-chlorophenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



L15 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1989:477903 CAPLUS
DOCUMENT NUMBER: 111:77903
TITLE: Synthesis of some new 3,5-disubstituted-pyrazoles
AUTHOR(S): Ingle, V. N.
CORPORATE SOURCE: Dep. Chem., Nagpur Univ., Nagpur, 440 010, India
SOURCE: Journal of the Indian Chemical Society (1988), 65(12), 852
CODEN: JICSAH; ISSN: 0019-4522
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 111:77903
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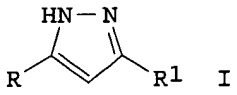


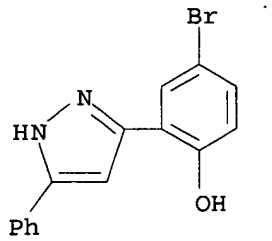
I

AB Cyclization of RCOCH2COR1 (R = Ph, p-anisyl, p-O2NC6H4; R1 = 2,3-, 2,4-, 2,5-HO(Me)C6H3, 2,5-HO(Br)C6H3, 2,3,4-HO(Me)2C6H2, 2,3,5-HO(Cl)2C6H2, o-HOC6H4) with H2NNH2 gave 50-76% of 8 pyrazoles I.

IT **121911-72-6P 121911-74-8P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

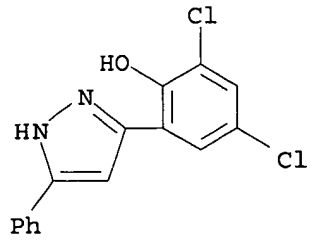
RN 121911-72-6 CAPLUS

CN Phenol, 4-bromo-2-(5-phenyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



RN 121911-74-8 CAPLUS

CN Phenol, 2,4-dichloro-6-(5-phenyl-1H-pyrazol-3-yl)- (9CI) (CA INDEX NAME)



L15 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1985:95573 CAPLUS

DOCUMENT NUMBER: 102:95573

TITLE: Synthesis and antifungal activity of some 1-substituted 3-(2-hydroxyphenyl)-5-(4-nitrophenyl)pyrazoles

AUTHOR(S): Giri, S.; Afshan, N., Mrs.; Nizamuddin

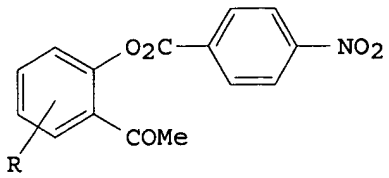
CORPORATE SOURCE: Chem. Dep., Univ. Gorakhpur, Gorakhpur, India

SOURCE: Bokin Bobai (1984), 12(9), 437-40
CODEN: BOBODP; ISSN: 0385-5201

DOCUMENT TYPE: Journal

LANGUAGE: English

GI



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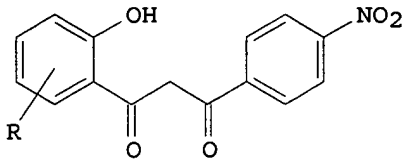

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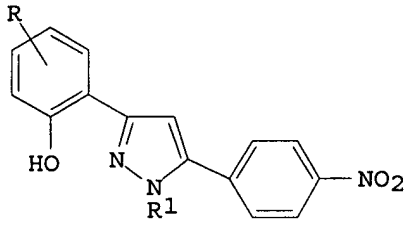


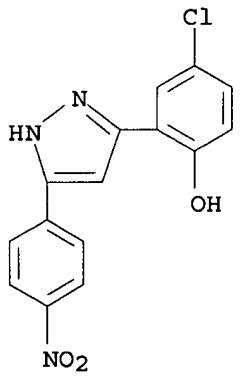
III

AB RC6H3(OH)COMe-2,1 (R = 3-Me, 4-Me, 5-Cl, H) were treated with p-O2NC6H4CO2H and the resulting I underwent Baker-Venakataramam rearrangement to give the diketones II, which underwent cyclization with R1NHNH2 (R1 = H, Ph, 2,4-(O2N)2C6H3) to give the title compds. III. At 100 ppm III (R = 3-Me, R1 = H) inhibited Aspergillus niger by 60.9%.

IT **94951-49-2P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and fungicidal activity of)

RN 94951-49-2 CAPLUS

CN Phenol, 4-chloro-2-[5-(4-nitrophenyl)-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



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FILE 'REGISTRY' ENTERED AT 14:42:20 ON 09 FEB 2006

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L2 50 L1
L3 STRUCTURE UPLOADED
L4 0 L3
L5 STRUCTURE UPLOADED

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L6           19 L5
L7          322 L5 FULL

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L8            1 L7

     FILE 'REGISTRY' ENTERED AT 14:46:09 ON 09 FEB 2006
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L10          50 L9
L11              STRUCTURE UPLOADED
L12           3 L11
L13          43 L11 FULL

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